

CLAIMS

What is claimed is:

1. An automatic door warning system for use in conjunction with those public transportation vehicles having automatic doors, said automatic door warning system comprising:

a front panel having a generally flat front surface;

message display means for visually displaying written messages,

said message display means affixed to said front panel;

audible alarm means for providing an audible alarm;

visual alarm means for providing a visual warning;

a rear housing for containing said audible alarm means and said visual alarm means, said rear housing being in direct mechanical contact with said front panel; and

attachment means for affixing said automatic door warning system to a wall, vehicle, or the like.

2. The automatic door warning system as described in claim 1, wherein said message display means comprises a message display area mounted to said front panel, said message display area having an electronic, programmable display panel capable of being programmed for

a plurality of written messages.

3. The automatic door warning system as described in claim 1,
wherein said audible alarm means comprises:

a programmable audible and verbal alarm module for producing an
electronic output in an analog waveform emulating verbal commands; and
a speaker unit for projecting said electronic output.

4. The automatic door warning system as described in claim 1,
wherein said audible alarm means comprises:

a programmable audible and verbal alarm module for producing an
electronic output in an analog waveform emulating a combination of both
verbal commands and musical tones; and
a speaker unit for projecting said electronic output.

5. The automatic door warning system as described in claim 1,
wherein said visual alarm means comprises a flashing strobe light.

6. A door warning system for use with automatic doors having door
control circuitry generating a door close signal and a door actuator, said
door warning system comprising:

door close signal means for receiving an electrical door close signal
from existing door control circuitry;

an automatic door warning circuit both for receiving said door close signal and for generating a delay output signal to actuate said door actuator and an instantaneous output signal;

a speaker;

5 an audible/verbal alarm module activatable by said instantaneous output signal, said audible/verbal alarm module for generating sounds and words through said speaker;

a message display area activated by said instantaneous output signal, said message display area capable of displaying a written message; and

10

visual warning means activated by said instantaneous output signal for providing visual alarm indications.

⁶/₁. The door warning system as described in claim ⁵/₆, wherein said message display area comprises a programmable display panel capable

15 of being programmed to generate a plurality of written messages.

⁷/₁. The door warning system as described in claim ⁵/₇, wherein said visual warning means comprises a flashing strobe light.